



SCOPE OF SERVICES

Solicitation Number: CLMP319

Project Name: Walnut Creek Trail – IH35 to Southern Walnut Creek Trail

PROJECT FOR:

CITY OF AUSTIN, PUBLIC WORKS DEPARTMENT, THROUGH ITS CAPITAL CONTRACTING OFFICE

PROJECT TITLE:

Walnut Creek Trail - IH-35 to Southern Walnut Creek Trail

OBJECTIVES OF THE PROJECT:

The purpose of this project is to provide engineering services for the eight (8) mile Urban Trail connecting the end of Northern Walnut Creek trail (at IH-35) to Southern Walnut Creek Trail.

BACKGROUND:

The Walnut Creek Trail system, once complete, will be 19 miles long and connect Govalle Neighborhood Park in East Austin to Balcones District Park in North Austin, along with many other parks, neighborhoods, and landmarks along Walnut Creek. This trail system is also proposed to connect to Red Line Trail and Shoal Creek Trail creating a 30-mile trail loop around the City.

Northern Walnut Creek Trail Phase 3 will begin at the existing Southern Walnut Creek Trail at Northeast District Park, west of Johnny Morris Road, and extend north along the abandoned Missouri-Kansas rail corridor to Sprinkle Road/Cameron Road. It will then continue west along Sprinkle Road to Walnut Creek where it will follow the creek until it reaches the end of the Northern Walnut Creek Phase 2 project at IH-35. The total proposed trail length for Phase 3 is approximately eight (8) miles.



ANTICIPATED SERVICES:

Phase I: Project Feasibility and Alignment Assessment Report

A Preliminary Engineering Report (PER) has been completed for this section of trail and a preliminary trail alignment has been developed. Phase I of this project will include a feasibility assessment of the proposed alignment. The alignment assessment will assess the feasibility of the current alignment and proposed alternatives, along with other alternatives for connecting the multiple segments of the trail. The assessment must consider constructability and real estate acquisition challenges and propose updated primary and alternative routes.

To facilitate the completion of the entire eight miles of trail within the limited construction timeframe, the Consultant is encouraged to propose a staggered delivery schedule for the following phases (II, III). If so, the following phases may begin on a section by section basis Upon Specific Written Authorization & Funding:

Updates to existing PER:

Following the completion of the Alignment Assessment Report, should updates to the PER be required, the consultant will perform those updates. The PER will include environmental analysis and research regarding easement acquisition. The environmental analysis will include the preparation of any necessary documents, including an Environmental Resource Inventory. The goal of the trail in the area is to create public access to the land without compromising water quality or adversely impacting the floodplain. The recommendations for easement acquisition will include a parcel by parcel analysis and cost estimate for the proposed route. Updates to the PER may include but are not limited to the following:

- Preliminary Environmental Resource Inventory
- Biological Review (including wildlife biologist or ecologist)
- Preliminary Erosion Hazard Zone Analysis
- Preliminary Hydraulic Analysis/Modeling
- Utility Assessment
- On the ground survey of proposed trail route
- Easement and property Assessment (Owner and encumbrance report)
- Identify Land Ownership/Zoning Type
- Field notes/survey or GIS (Geographic Information Systems) maps
- Utilize American Association of State Highway and Transportation Officials (AASHTO) Guidelines to provide Field Engineering Services for Bicycle Facilities
- Comply with the directives of the Federal Americans with Disabilities Act (ADA)
- Recommendations for trail impact mitigation
- Preliminary Construction Cost Estimates
- Constructability Assessment and Equipment/Material Accessibility
- Recommendations for Resource Focus/Education/Interpretation
- Recommendations for Maintenance/Monitoring/Management
- Potential use types for different portions of the trail
- Materials to support Meetings with Stakeholders/Residents

Upon conclusion of all reviews, investigations, analyses and preliminary evaluations: prepare, present and publish details and summarization of all findings, solution options, cost estimates, alternate routes, recommendations, and a design and construction schedule into a Comprehensive Preliminary Engineering Report.

Phase II: Design Services

After completion of Phase I, the Consultant shall, upon specific written authorization:

1. Conduct or otherwise acquire the necessary field surveys, soils, and peripheral investigations for final design of the trail. Including but not limited to Hydrologic and Hydraulic modelling and environmental surveys.
2. Prepare final detailed plans, specifications (utilizing City standards), contract documents and cost estimates for the construction of project improvements as approved by the City.
3. Furnish sub-consultant services, as may be appropriate, for the execution of the design.
4. Assist in applying for and obtaining regulatory agency approvals and permits necessary for the construction of the project.
5. Provide property descriptions necessary for the City's easement right-of-way acquisition actions.

Phase III: Bidding Services

1. Assist the City in the bidding of the project including responding to pre-bid inquiries, issuing bid documents, addenda, submitting permit application(s), conducting a pre-bid conference and reviewing construction bids received. A certified opinion of probable cost shall be delivered to the Owner prior to bid advertising.
2. Complete conformed engineering documents including all addenda.

Phase IV: Construction Management Services

The construction professional services which may be required are:

1. Periodic visits to job site, by the design professionals, to generally review the progress and character of the work performed.
2. Review of periodic payment estimates of the contractors completed work.
3. Review and approve shop drawings and any necessary change orders, interpretation of the plans, specifications, and other contract documents as required.
4. Conduct project reviews with the City and contractors.
5. Prepare as-built drawings of the completed facilities (ink on mylar or photographically reproduced mylar tracings) including digital copies in AutoCAD format, as well any other necessary services associated with the engineer's design as applied to the construction processes.

Phase V: Post-Construction Phase Services

1. If authorized by the City in writing, the Consultant shall provide warranty phase services generally consisting of assisting the City in correcting project malfunctions or deficiencies.

PROPOSED PROJECT SCHEDULE:

It is anticipated that the City will select a firm for a period of approximately six (6) years or until the contracting authority is exhausted. Project-specific schedule will be agreed upon at the time professional services are defined.

To facilitate the completion of the entire eight (8) miles of trail within the limited construction timeframe, the Consultant should propose a staggered delivery schedule for Phases II and III.

Consultant will be responsible for developing a schedule that meets the projects timeline and progresses sections to construction within two years of design start.

PROPOSED PROCUREMENT SCHEDULE

Pre-Response Meeting: June 21, 2021
 Solicitation Due Date: July 12, 2021
 Final Evaluation: Week of August 9, 2021
 Council Date: October 2021
 Contract Execution Date: December 2021

COST ESTIMATE:

It is anticipated that the City will select a firm with an estimated authorization amount of \$500,000 for Phase I. Subsequent phases may be performed upon written authorization and funding.

Phase I: Preliminary Engineering Phase	\$500,000
Phase II: Design Phase	\$3,000,000
Phase III: Bid and Award Phase	\$250,000
Phase IV: Construction Phase	\$1,200,000
Phase V: Warranty Phase	\$50,000

The City anticipates developing and executing a professional services agreement with selected firm. If the City is unsuccessful in negotiating a satisfactory agreement with a recommended firm, if a selected firm ceases practice during the contract period or if the City elects to terminate its agreement with selected firm, the remaining assignment may be distributed to other firm.

The professional services fee is estimated to be \$5,000,000 and the estimated total construction cost is \$20,000,000.

MAJOR AND OTHER SCOPES OF WORK:

Below is a list of the major scopes of work that the City has identified for this project. ****There must be representation for all major scopes of work listed in the prime's statement of qualifications.*** The experience of the firms listed to perform the Major Scopes of Work, whether a subconsultant or prime firm, will be evaluated under Consideration Item 6 – Major Scopes of Work – Comparable Project Experience.

In addition, the City has identified Other Scopes of work that MAY materialize during the course of the project. The City does not guarantee that the scopes listed under Other Scopes of work will materialize on this contract. If the prime consultant intends to enter into a subconsulting agreement on a scope of work not listed below, the prime consultant is required to contact SMBR and request an updated availability list of certified firms in each of the scopes of work for which the prime consultant intends to utilize a subconsultant.

*** Major Scopes of Work**

Active Transportation Civil Engineering – Trail Design
 Site Assessment & Field Observation
 Environmental Engineering

Other Scopes of Work

Hydraulic Engineering
 Geotechnical
 Surveying Services
 Compliance Consulting (ADA Compliance)
 Cost Estimating
 Community Engagement

Notes:

- Construction Inspection is **NOT** a subconsultant opportunity. These services will be performed in-house or under a separate contract, if needed, and will be determined when project assignment is made.
- Participation at the prime or subconsultant level may create a conflict of interest and thus necessitate exclusion from future contracting opportunities with the City.
- If the City determines that a conflict of interest exists at the prime or subconsultant level, the City reserves the right to replace/remove the prime or instruct the prime consultant to remove the subconsultant with the conflict of interest and to instruct the prime consultant to seek a post-award change to the prime consultant's compliance plan as described in City Code § 2-9B-23. Such substitutions will be dealt with on a case-by-case basis and will be considered for approval by Small and Minority Business Resources (SMBR) in the usual course of business. The City's decision to remove a prime or subconsultant because of a conflict of interest shall be final.
- A consultant performance evaluation will be performed on all professional services contracts. This evaluation will be conducted at the end of each Design and Construction phase.
- Please review the City of Austin's Public Participation Principles

<http://austintexas.gov/page/public-participation-principles>

CITY OF AUSTIN PUBLIC PARTICIPATION PRINCIPLES:**Accountability and Transparency**

The City will enable the public to participate in decision-making processes by providing clear information on the issues, the ways to participate, and how their participation contributes to the decision.

Fairness & Respect

The City will maintain a safe environment that cultivates and supports respectful public engagement and will expect participants to do so in turn.

Accessibility

The City will respect and encourage participation by providing ample public notice of opportunities and resources and accommodations that enable all to participate.

Predictability & Consistency

The City will prepare the public to participate by providing meeting agendas, discussion guidelines, notes, and information on next steps.

Creativity & Community Collaboration

(Inclusivity and Diversity)

The City will use innovative, proven, and customized engagement solutions that are appropriate to the needs of the projects and the participants.

Stewards of Resources

The City will balance its commitment to provide ample opportunities for public involvement with its commitment to delivering government services efficiently and using City resources wisely.